

Application No.	Applicant(s)	
09/308,830	SCHLIEVERT ET AL	
Examiner	Art Unit	
Robert A. Zeman	1645	

SEARCHED				
Class	Subclass	Date	Examiner	
514	2	1/9/2000	LL	
514	12	1/9/2000	LL	
424	184.1	1/9/2000	LL	
424	190.1	1/9/2000	LL	
424	243.1	1/9/2000	LL	
435	69.1	1/9/2000	LL	
	Updated	9/27/2000	LL	
	Updated	8/1/2703	RZ	
	Updated	4/12/2004	RZ	

INTERFERENCE SEARCHED				
Class	Subclass	Date	Examiner	

SEARCH NOT (INCLUDING SEARCH	STRATEGY)	
	DATE	EXMR
WEST, STN, medline, biosis Inventors terms: SPE-A toxin, mutant, mitogenicity, streptococcus, vaccine PAML	1/9/2000	LL
Updated	9/27/2000	LL
Updated Unable to check related case 08/973,391 for ODP, file unavailable. Inventor search.	8/27/2003	RZ
Updated	4/12/2004	RZ